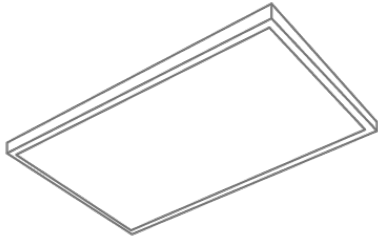




PROJECT	TYPE
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SFR24 Recessed 2 x 4 Lay-in Fabric Light Form

softform LIGHTING features our unique sound attenuating fabric shielding media that provides a soft, visually comfortable, uniformly luminous appearance to the viewer, creating a sophisticated contemporary style along with volumetric (Lambertian) light distribution. Optionally, images can be printed on the diffuser fabric enabling the designer to introduce design and/or biophilic elements into a space. Powered by a high efficacy LED light engine, softform LIGHTING is the perfect choice for the application of biophilic lighting design for many applications including schools, offices and other commercial spaces, retail and healthcare facilities.

Construction - extruded aluminum frame, steel back panel, driver box and attachment hardware. Non-ferrous construction for MRI applications available.

Optics - Fabric diffusion coupled with Lambertian distribution creates an optimal mix of illumination for both vertical and horizontal surfaces.

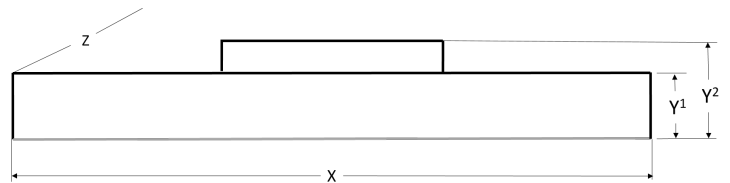
Electrical - 120 or 277 volt. LM-80 L70 (70%) at 50,000 hours.

Control Integration - 0-10V low voltage, 10% dimming standard.

Mounting - 9/16" or 15/16" T-grid ceiling systems. Universal mounting brackets for either flush or 5/16" (tegar) reveal.

Finish - White powder coat.

Listings - CSA Certified to meet U.S. and Canadian standards. Suitable for damp location application. Noise Reduction Coefficient (NRC) 0.25. Fabric - ASTM E84



Important! Recessed forms fit *between* ceiling grid flanges. Form frames for 9/16 and 15/16 grids are not interchangeable.

Axis	9/16	15/16
X	47-3/8"	47"
Y¹	2-5/8"	2-5/8"
Y²	4"	4"
Z	23-3/8"	23"

Specification Nomenclature						
SFR24						
Series	Grid ^{1,5}	Diffuser		Lumens ²	CCT ³	Voltage
SFR24	9/16	HTW	High Transmission White fabric	LO 4,200	30 3000k	120 277
	15/16	SFGxxx	softformlighting.com Gallery selection, replace xxx with image ID number	SO 5,500	35 3500k	
		USG	User Supplied Graphic	HO 6,600	40 4000k 50 5000k	

See page 2 for options, accessories and notes.

Options
AMP Antimicrobial Paint EL⁹ LED emergency driver that enables emergency operation in the event of a power failure MRI Non-ferrous construction, driver ships separately for remote installation. MRI room EMI filter required (supplied by others) PW1836 6' Prewire, 1 Normal Power 18 Gauge 3 Wire Circuit PW1846LV1 6' Prewire, 1 Normal Power 18 Gauge 3 Wire Circuit + 1 Low Voltage 18 Gauge 2 Wire Circuit
Accessories ⁴
TFA⁸ Trimless Flange Adapter

Notes:

1. **Important!** Recessed forms fit *between* ceiling grid flanges. Form frames for 9/16 and 15/16 grids are not interchangeable.
2. Nominal values. See photometry section for actual⁶.
3. 80 CRI
4. Accessories ship separately.
5. Grid option defaults to 9/16 when TFA is selected.
6. Calculated values
7. Print files need to be a minimum of **150 dpi at actual size** for optimal rendering. Accepted file types are AI, EPS, PDF, EPS, JPEG, TIFF.
8. Enables installation of light form into drywall ceiling construction. Light Form grid designation defaults to 9/16.
9. Not available with MRI option.

System Electrical Performance Data			
Output	HO	SO	LO
Watts	74.4	59.7	44.3

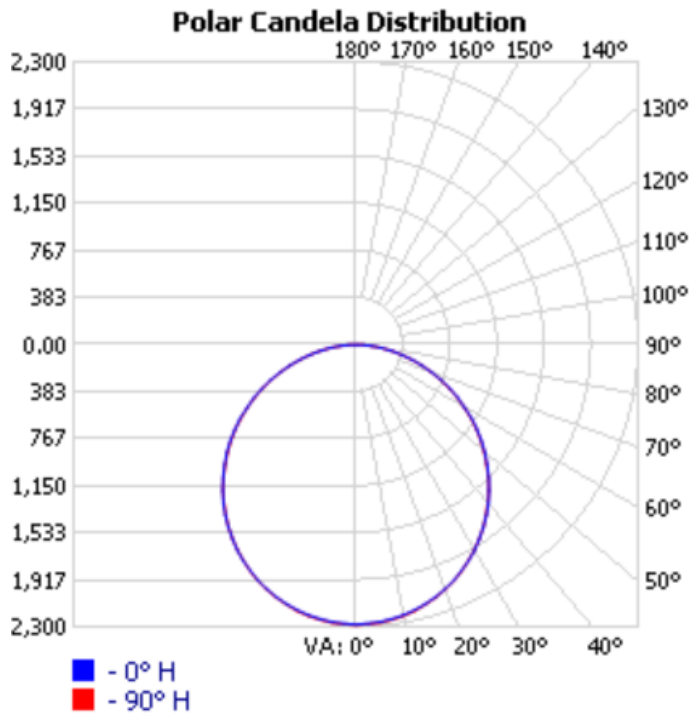
Photometry

Calculated Delivered Lumens ⁶						
High Output (HO), Standard Output (SO), Low Output (LO), * = measured values						
CCT	HO	LPW	SO	LPW	LO	LPW
3000	6164	83	5247	88	3999	90
3500	6402	86	5449	91	4153	94
4000	*6646	*89	5652	95	4308	97
5000	6640	89	5652	95	4308	97

See page 3 for LM-79 data

SFR24 0916 HTW HO 40 MVOLT

6,645 Delivered Lumens



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	1,772.5	26.7%
0-40	2,906.7	43.7%
0-60	5,161.0	77.7%
60-90	1,483.7	22.3%
70-100	652.1	9.8%
90-120	0.000	0%
0-90	6,644.7	100%
90-180	0.000	0%
0-180	6,644.7	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE
0-10	215.8	3.2%	90-100
10-20	618.3	9.3%	100-110
20-30	938.4	14.1%	110-120
30-40	1,134.2	17.1%	120-130
40-50	1,180.7	17.8%	130-140
50-60	1,073.6	16.2%	140-150
60-70	831.6	12.5%	150-160
70-80	500.6	7.5%	160-170
80-90	151.4	2.3%	170-180

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.03	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.98	.90	.83	.77	.96	.88	.82	.70	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3	.90	.79	.70	.64	.87	.77	.69	.59	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4	.82	.70	.61	.54	.80	.68	.60	.51	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5	.75	.62	.53	.46	.73	.61	.52	.44	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6	.69	.56	.47	.40	.68	.55	.46	.39	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7	.64	.51	.42	.36	.63	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8	.60	.46	.38	.32	.58	.46	.37	.31	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9	.56	.42	.34	.29	.55	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10	.52	.39	.31	.26	.51	.39	.31	.25	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24